

# LAND APPLICATION OF BIOSOLIDS SITE INSPECTION FORM

<b>GENERAL INFORMATION:</b>		DATE: 6/17/2004	
COUNTY: Essex		CONTRACTOR/MUNICIPALITY: Synagro Mid Atlantic	
NAME (OWNER/OPERATOR): Loving / cropland operator B.A.Tignor			
INSPECTED BY: Scott Haley		PERMIT NO: VDH BUR 42	
FIELD NO: EX61 – 2 (pines) and EX57 – 2 (corn)		ACRES: 100 (pine plantation); 58.1 (corn)	
OTHERS PRESENT: James Rittenhouse			
<b>FIELD DATA/OBSERVATIONS:</b>		TIME: 6/17/2004 1315	
WEATHER: hot, humid, partly cloudy		SOIL CONDITIONS: moist	
BIOSOLIDS SOURCE: Blue Plains, Arlington, others		BIOSOLIDS TYPE: Lime Stabilized (LS)	
SOIL pH: 4.4(pines) ; 5.7 (corn)		SOLIDS CONTENT OF BIOSOLIDS (%): various	
APPLICATION RATE: EX57-2 corn field BPLS – 4.7DT * 25.2 PAN/DT = 118lbsPAN (20lbs PAN residual from previous soybean crop); Arl. LS – 5.0DT * 23.6 WT/AC = 118lbs PAN (20lbs PAN residual from soybeans) / EX61-2 pines 200lbs PAN			
CROP AND EXPECTED YIELD: corn 120bu/ac			
LOAD TO DATE (WT): see monthly reports			
BIOSOLIDS APPLIED:	<input type="checkbox"/> LIQUID	<input checked="" type="checkbox"/> DEWATERED	
MODE OF APPLICATION:	<input type="checkbox"/> SURFACE	<input checked="" type="checkbox"/> SURFACE W/INCORP.	<input type="checkbox"/> INJECTION
APPLICATION LIMITED BY:	<input checked="" type="checkbox"/> NITROGEN	<input type="checkbox"/> pH	
	<input type="checkbox"/> MAX. HYDRAULIC LOADING (LIQUID BIOSOLIDS)		
	<input type="checkbox"/> MAX. SOLIDS LOADING (15 DRY TONS/ACRE)		
	<input type="checkbox"/> OTHER (SPECIFY):		
<b>FIELD OBSERVATIONS</b>			
	BUFFERS OBSERVED:	YES	NO
	UNIFORM APPLICATION:	X	
	PROPER FIELD RECORDS:	X	
	SIGNS OF RUNOFF:		X
	TRUCKS NON-SPILL/WATERTIGHT:	X	
	CONDITION OF HAUL ROUTE SATISFACTORY:	X	
ODORS PRESENT:	<input type="checkbox"/> NONE	<input checked="" type="checkbox"/> NORMAL	<input type="checkbox"/> ABOVE NORMAL*
OVERALL CONDITION OF SITE:	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> FAIR	<input type="checkbox"/> POOR

<p><b><u>COMMENTS:</u></b> (*explain):</p>	<p>A complaint from a property owner about a field storage site located in Essex County on the Loving Pine Plantation and the adjacent permitted crop field. The complainant alleged that illegal road and building construction were taking place on permitted land application sites.</p> <p>Mr. Scott Haley inspected the permitted sites and observed no significant road construction, only wet areas on the road and in front of the storage site that had received stone to improve the condition of the road. The rear of the storage site did contain puddles of water from recent rains, but only a small amount of the stockpiled biosolids came into contact with the water.</p> <p>Any runoff from the road ditch on the southern edge of the stockpile area flows into the adjacent corn field. No impact to state waters was observed.</p> <p>The crop field EX57-2 (corn) had been planted and appeared in excellent condition.</p> <p>A small amount of mud was present on Route 637 as a result of the recent rains and subsequent wet condition of the access road. No action was required of the land applier as tracking on the state road was not observed at that time.</p>
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